MIAMI-DADE COUNTY

BUILDING CODE COMPLIANCE OFFICE (BCCO)
PRODUCT CONTROL DIVISION

MIAMI-DADE COUNTY, FLORIDA
METRO-DADE FLAGLER BUILDING
140 WEST FLAGLER STREET, SUITE 1603
MIAMI, FLORIDA 33130-1563
(305) 375-2901 FAX (305) 375-2908

NOTICE OF ACCEPTANCE (NOA)

Signature Door, Inc.
401 Juniata Street
Atloona, PA 16602

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed by Miami-Dade County Product Control Division and accepted by the Board of Rules and Appeals (BORA) to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Division (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. BORA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Division that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: 10' Glazed Outswing Wood Door – L.M.I.

APPROVAL DOCUMENT: Drawing No. **1283**, " 10 Foot Wood Outswing Impact Doors", sheets 1 through 10 of 10, prepared by W.W. Schaefer Engineering & Consulting, P.A., dated 06/24/04, signed and sealed by Warren W. Schaefer, P.E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Division.

MISSILE IMPACT RATING: Large and Small Missile Impact

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA **revises NOA # 05-0407.02** consists of this page 1 and evidence pages E-1and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by **Herminio F. Gonzalez , P.E.**

PRODUCT CONTROL ACCEPTED 12/1/05

Signature Door, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No. **1283**, titled "10 Foot Wood Outswing Doors", sheets 1 through 10 of 10, dated 06/24/04, prepared by W.W. Schaefer Engineering & Consulting, P.A., signed and sealed by Warren W. Schaefer, P.E.

B. TESTS

1. Test reports on 1) Air Infiltration Test, per FBC, TAS 202-94
   2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94
   3) Water Resistance Test, per FBC, TAS 202-94
   4) Large Missile Impact Test per FBC, TAS 201-94
   5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
   6) Forced Entry Test, per FBC 2411 3.2.1 and TAS 202-94

   along with marked-up drawings and installation diagram of inswing wood doors, prepared by Hurricane Test Laboratory, LLC, Test Report No. **HTL-0243-0319-04** (specimen # 4) dated 03/17-5/25/04, signed and sealed by Vinu J. Abraham, P.E. ***Submitted under previous NOA # 05-0901.12***
2. Test reports on 1) Air Infiltration Test, per FBC, TAS 202-94
   2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94
   3) Water Resistance Test, per FBC, TAS 202-94
   4) Large Missile Impact Test per FBC, TAS 201-94
   5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
   6) Forced Entry Test, per FBC 2411 3.2.1 and TAS 202-94

   along with marked-up drawings and installation diagram of inswing wood doors, prepared by Hurricane Test Laboratory, LLC, Test Report No. **HTL0243-0516-04** (specimen # 4 and 7) dated 03/17-5/26/04, signed and sealed by Vinu J. Abraham, P.E. ***Submitted under previous NOA # 05-0901.12***
3. Test reports on 1) Air Infiltration Test, per FBC, TAS 202-94
   2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94
   3) Water Resistance Test, per FBC, TAS 202-94
   4) Large Missile Impact Test per FBC, TAS 201-94
   5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
   6) Forced Entry Test, per FBC 2411 3.2.1 and TAS 202-94

   along with marked-up drawings and installation diagram of inswing wood doors, prepared by Hurricane Test Laboratory, LLC, Test Report No. **HTL-0243-1013-03** (specimen # 8) dated 10/22-24/03, signed and sealed by Vinu J. Abraham, P.E. ***Submitted under previous NOA # 05-0901.12***

for

Herminio F. Gonzalez, P.E.
Director, Building Code Compliance Office
NOA No 05-0901.12
Expiration Date: February 17, 2010
Approval Date: December 22, 2005

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

C. CALCULATIONS

1. Anchor verification calculations, complying with FBC-2004, dated 08/18/05, prepared by W.W. Schaefer Engineering & Consulting, P.A., signed and sealed by Warren W. Schaefer, P.E.
2. Anchor Calculations and structural analysis, prepared by W.W. Schaefer Engineering & Consulting, P.A., dated 06/23/04, signed and sealed by Warren Schaefer, P.E.
   Submitted under previous NOA # 05-0901.12

D. QUALITY ASSURANCE

1. Miami Dade Building Code Compliance Office (BCCO).

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **03-0225.10** issued to Glasslam NGI Inc. for "Safety Plus II-Laminated Glass" dated 08/07/03, expiring on 08/07/08.
2. Notice of Acceptance No. **03-0514.15** issued to Oldcastle Glass Inc. for "Storm Glass" dated 12/11/03, expiring on 12/11/08.

F. STATEMENTS

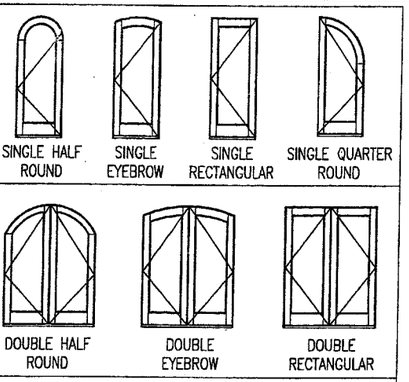
1. Statement letter of conformance and no financial interest, dated 06/28/04, signed and sealed by Warren Schaefer, P.E.
   Submitted under previous NOA # 05-0901.12

G. OTHER

1. Notice of Acceptance No. **05-0407.02**, issued to Signature Door, Inc. for their 10' Glazed Outswing Wood Door, approved on 02/17/05 and expiring on 02/17/10.
2. Letter from the consultant, dated November 9, 2005, stating that the product is in compliance with the Florida Building Code (FBC)

for

Manuel Perez, P.E.
Product Control Examiner
NOA No 05-0901.12
Expiration Date: February 17, 2010
Approval Date: December 08, 2005



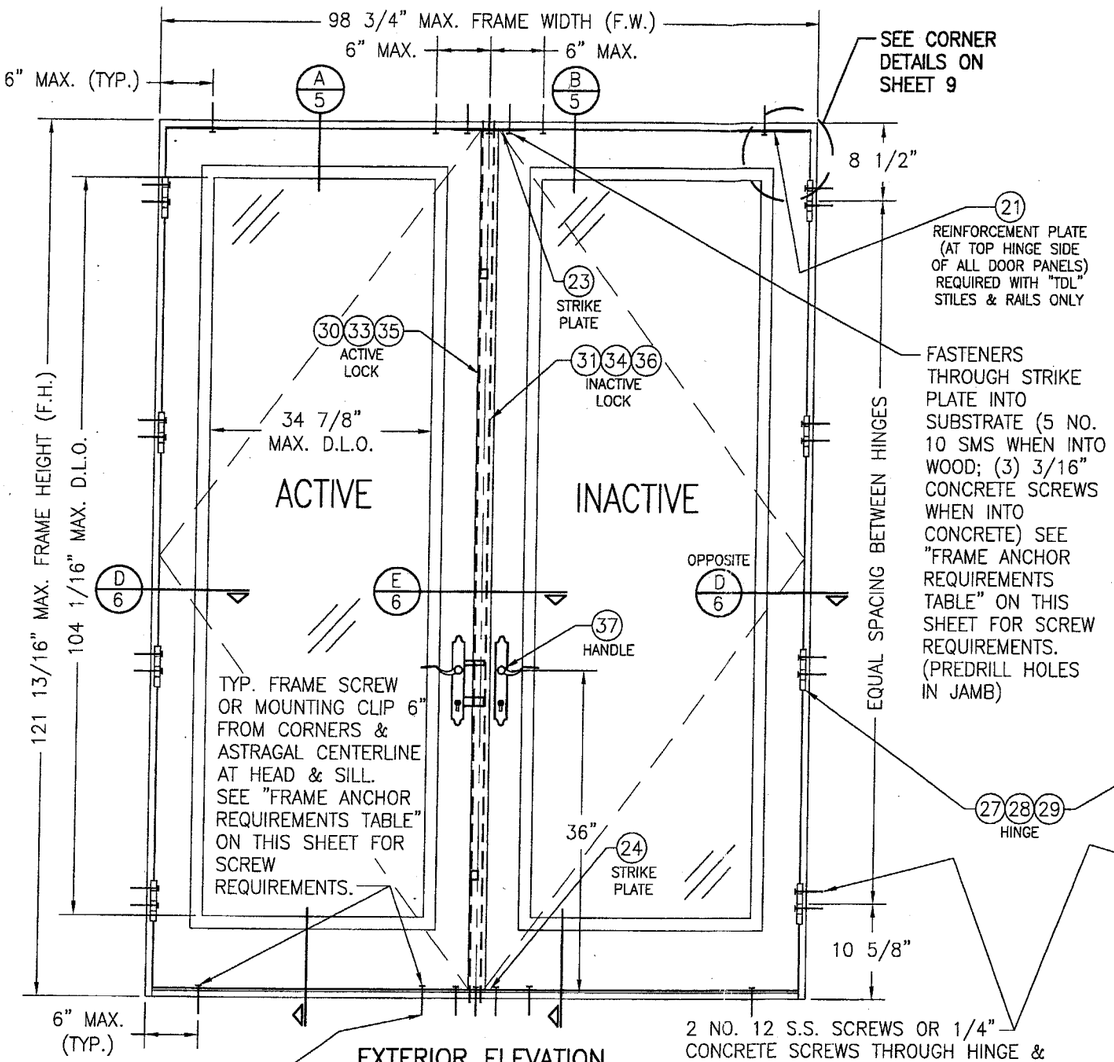
SHAPES CONSIDERED AS PART OF THIS APPROVAL

HINGE REQUIREMENTS		
MAXIMUM DOOR FRAME HEIGHT	# HINGES REQUIRED	
	PANEL WIDTH 36" & LESS	PANEL WIDTH GREATER THAN 36"
82"	3	3
98"	(1) 4	(1) 4
122"	4	(1) 5

(1) ONE LESS HINGE IS REQUIRED WITH DOUBLE HALF ROUND & SINGLE QUARTER ROUND DOORS.

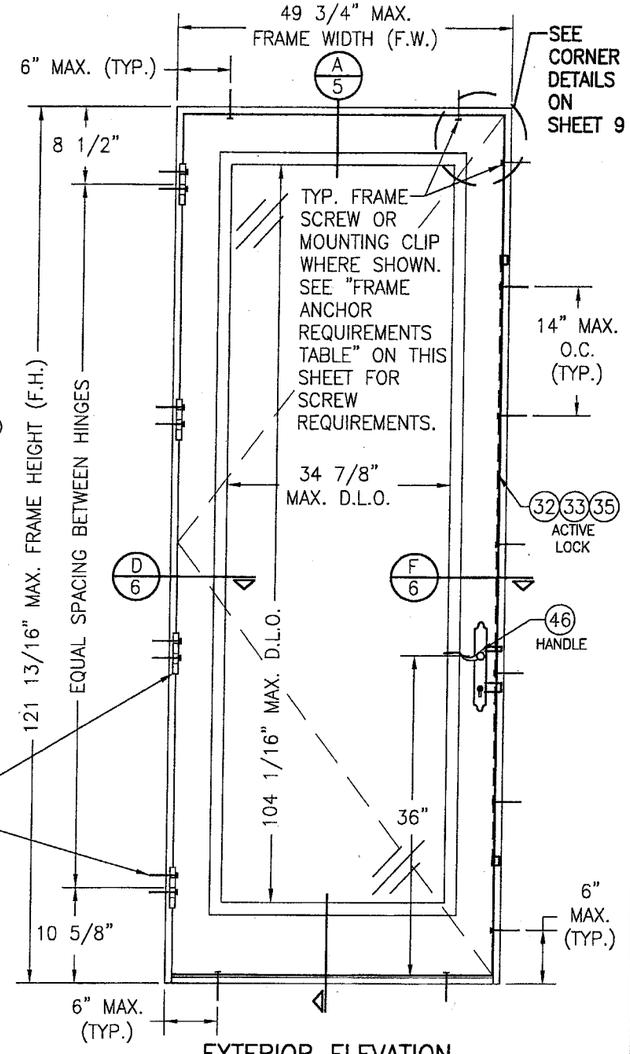
ALLOWABLE DESIGN PRESSURE
(1) SEE LOAD TABLES ON SHEET 11

(1) POSITIVE PRESSURE NOTE: DOORS ARE APPROVED FOR WATER INFILTRATION RESISTANCE WHEN THE BUMPER THRESHOLD (ITEM 19) IS USED. WHEN THE "ADA" THRESHOLD IS USED, THESE DOORS ARE NOT APPROVED FOR WATER INFILTRATION RESISTANCE UNLESS THE UNITS ARE INSTALLED IN A NON-HABITABLE AREA WHERE THE UNIT AND THE AREA ARE DESIGNED TO ACCEPT WATER INFILTRATION. OTHERWISE, THE DOORS MUST BE INSTALLED ONLY AT LOCATIONS PROTECTED BY A CANOPY OR OVERHANG SUCH THAT THE ANGLE BETWEEN THE EDGE OF THE CANOPY OR OVERHANG TO SILL IS LESS THAN 45 DEGREES.



EXTERIOR ELEVATION DOUBLE OUTSWING DOOR

SCALE: 3/4"=1'-0"



EXTERIOR ELEVATION SINGLE OUTSWING DOOR

SCALE: 3/4"=1'-0"

NOTE: SINGLE DOOR SHOWN HAS THE 3-POINT LOCK SYSTEMS. AN ALTERNATE LOCK MAY BE A SINGLE POINT BALDWIN 6021 MORTISE LOCK IF THE DOOR FRAME SIZE IS 37 9/16" X 97 5/16" OR LESS.

FRAME ANCHOR REQUIREMENTS TABLE			
OPENING TYPE (SUBSTRATE)	JAMB TO OPENING FASTENER TYPE (ANCHOR)	MINIMUM EMBED	MINIMUM EDGE DIST.
2X_ WOOD FRAME OR BUCK	NO. 10 SMS FRAME SCREW	1 3/8"	1"
2X_ WOOD FRAME OR BUCK	NO. 12 HINGE SCREW	1 3/8"	1"
CMU/CONCRETE	(1) 3/16" & 1/4" CONCRETE SCREWS	1 1/4"	2"
2X_ WOOD FRAME OR BUCK	MOUNTING CLIP W/#8 SCREWS	1 3/8"	1/2"

(1) CONCRETE SCREWS SHALL BE ELCO OR ITW RAMSET/RED HEAD TAPCONS, HILTI KWIK-CON II OR POWERS RAWL TAPPER (HARDENED STEEL OR S.S.).

* ANCHOR NOTE: FRAME MAY BE EITHER DIRECT MOUNTED TO THE OPENING, MOUNTED ONTO A CONTINUOUS WOOD SPACER, OR ANCHORED TO A MIN. 2x4 NO. 2 SOUTHERN PINE WOOD BUCK. WHEN ANCHORED TO A 2x4 BUCK, MOUNTING CLIPS OR NO. 10 SHEAR SCREWS SHALL BE USED. WHEN DIRECT MOUNTED OR MOUNTED WITH SPACER, 3/16" CONCRETE SCREWS SHALL BE USED. SEE "ANCHOR REQUIREMENTS TABLE" FOR EMBED REQUIREMENTS. PROPER MATERIAL SHALL BE USED BETWEEN ALL DISIMILAR MATERIALS (BLOCK/CONCRETE & ALUMINUM).

GENERAL NOTES

1. THESE DOOR SYSTEMS HAVE BEEN TESTED, ANALYZED AND APPROVED FOR DESIGN PRESSURES NOT TO EXCEED THOSE SHOWN IN THE "ALLOWABLE DESIGN PRESSURE" TABLE.
2. BUCKING, OPENINGS & BUCKING FASTENERS MUST BE PROPERLY DESIGNED & INSTALLED TO TRANSFER WIND LOADS TO THE STRUCTURE.
3. ALL HARDWARE & FASTENERS SHALL BE IN ACCORDANCE WITH THESE DRAWINGS & MAY NOT VARY UNLESS SPECIFICALLY MENTIONED ON THE DRAWINGS.
4. THE DETAILS & SPECIFICATIONS SHOWN HEREIN REPRESENT THE PRODUCTS TESTED & PROPOSED FOR WATER, AIR, IMPACT, CYCLIC & UNIFORM STATIC AIR PRESSURE TESTING IN CONFORMANCE WITH FLORIDA BUILDING CODE PROTOCOLS TAS-201, 202 & 203 FOR LARGE MISSILE IMPACT DOORS.
5. THESE DOOR SYSTEMS HAVE BEEN DESIGNED IN ACCORDANCE WITH THE 2004 FLORIDA BUILDING CODE (F.B.C.) INCLUDING HIGH VELOCITY HURRICANE ZONES (HVHZ).
6. IMPACT SHUTTERS ARE NOT REQUIRED WITH THESE DOORS.
7. ALL ANCHORS SHALL BE INSTALLED AS SPECIFIED ON THESE DRAWINGS. SPECIFIED EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL FINISH OR STUCCO.

NOTE: DOORS MAY BE FULLY GLAZED AS SHOWN, PARTIALLY PANELED OR FULLY PANELED. SEE SHEET 4 ELEVATION FOR PANELED DOORS.

PRODUCT REVISED
as complying with the Florida Building Code
Acceptance No. 05-0901.12
Expiration Date 02/17/10
By Miami Dade Product Control Division

DRAWN BY: K.P.S.	CHECKED BY: W.W.S.
PLOT: 1=16	DATE: 06/24/04

NO.	REVISION DESCRIPTION	BY	DATE
A1	REDUCED JAMB ANCHOR SPACING TO 14"		
A2	ADDED LOAD TABLES TO SHEET 11		

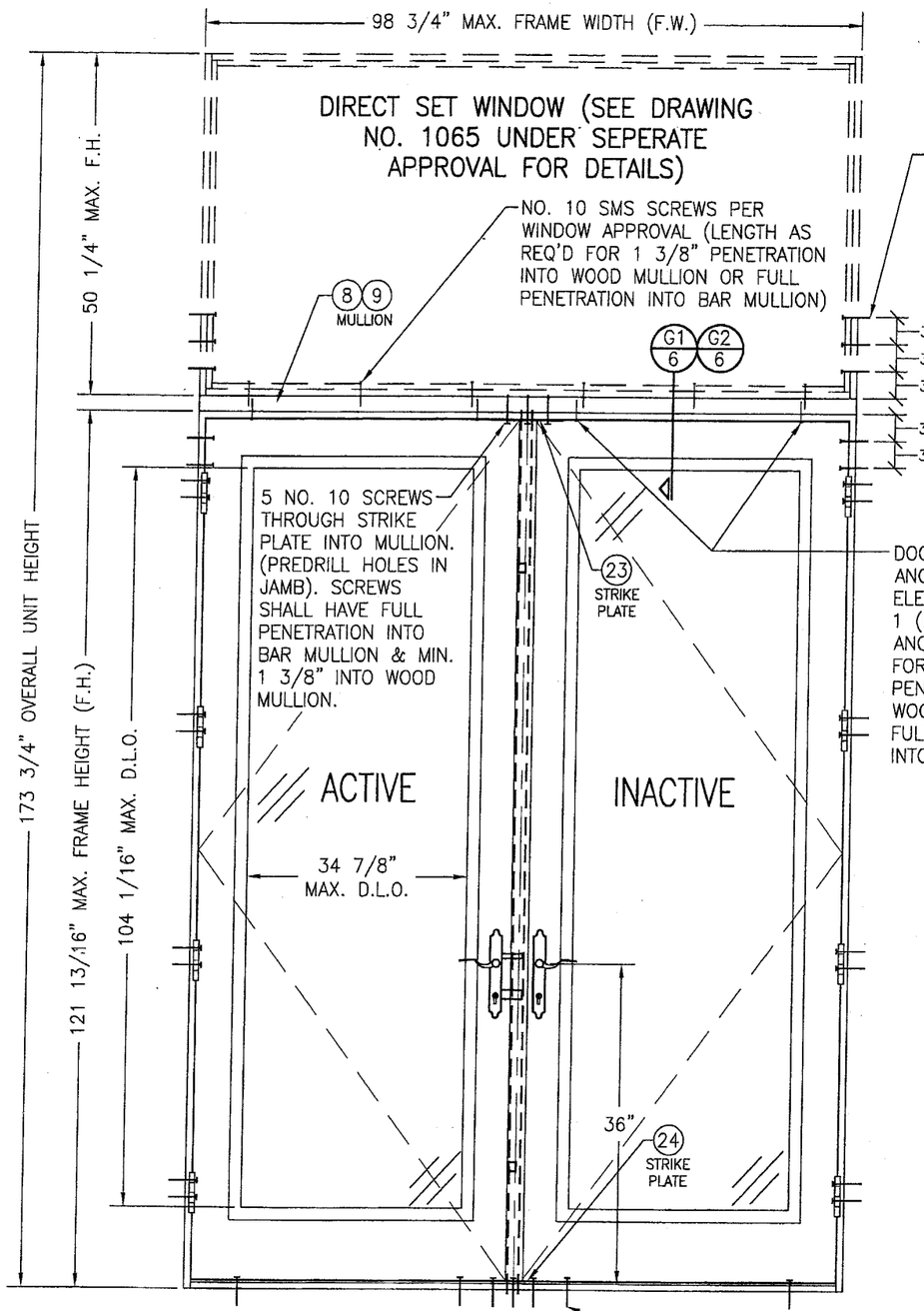
DRAWING TITLE: 10 FOOT WOOD OUTSWING IMPACT DOORS

MANUFACTURER: SIGNATURE DOOR INC.
401 JUNIATA STREET
ALTOONA, PA 16602
814-949-2770

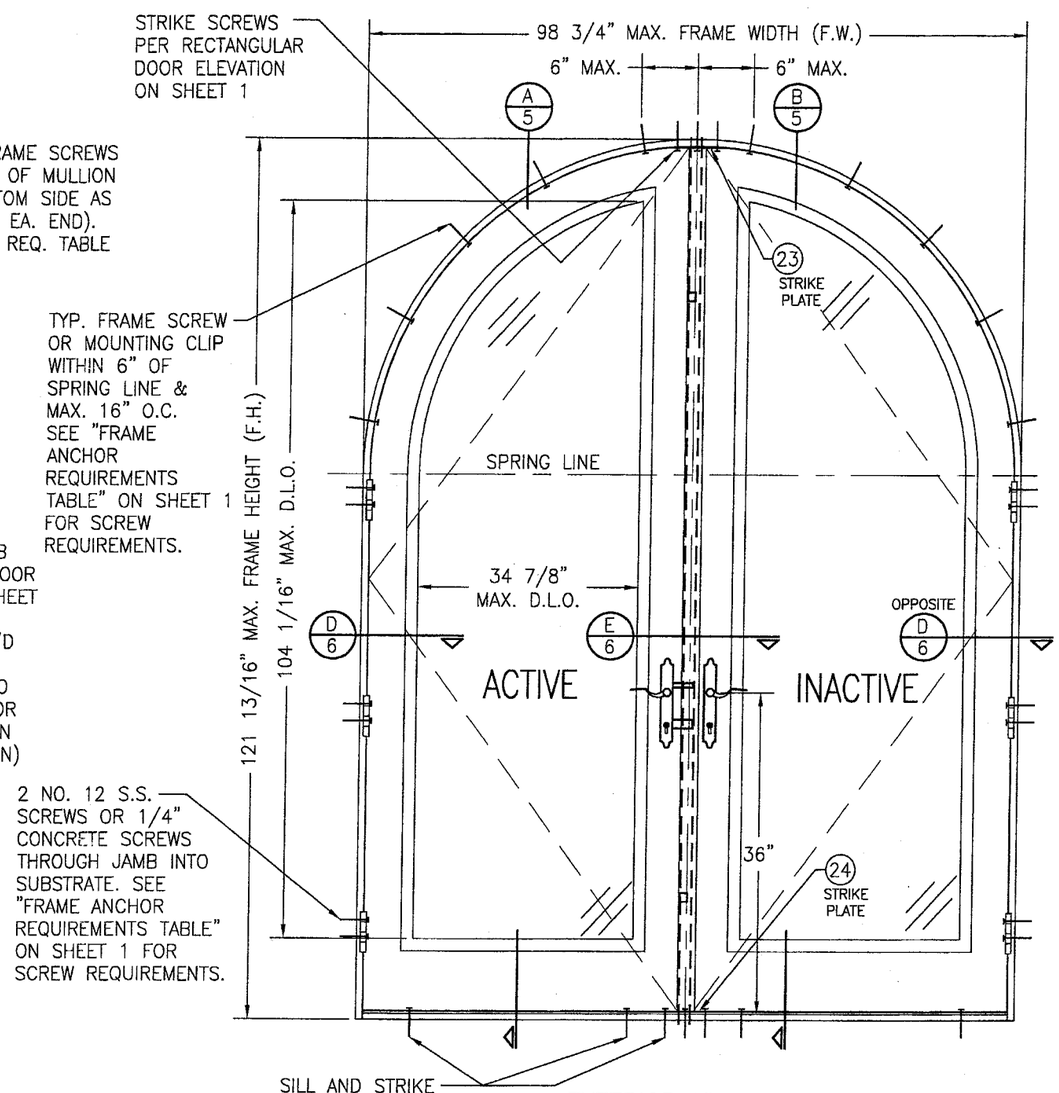
CONSULTANTS: W. W. SCHAEFER ENGINEERING & CONSULTING, P.A.
8895 N. MILITARY TRAIL; SUITE C-204
PALM BEACH GARDENS, FL 33410
PHONE: 561-775-4902 FAX: 561-775-4903

CERTIFICATION
AUG 24 2005
WARREN W. SCHAEFER, P.E.
P.E. NO. 44135

DRAWING NO. 1283 | REV. A
SHEET NO. 1 OF 11



EXTERIOR ELEVATION
DOUBLE DOOR WITH TRANSOM
SCALE: 3/4"=1'-0"
SEE DOUBLE DOOR ELEVATION ON SHEET 1 FOR DETAIL NOT SHOWN



EXTERIOR ELEVATION
DOUBLE HALF ROUND DOOR
SCALE: 3/4"=1'-0"
SEE DOUBLE DOOR ELEVATION ON SHEET 1 FOR DETAIL NOT SHOWN

NOTE: DOORS MAY BE FULLY GLAZED AS SHOWN, PARTIALLY PANELED OR FULLY PANELED. SEE SHEET 4 ELEVATION FOR PANELED DOORS.

PRODUCT REVISED
as complying with the Florida Building Code
Acceptance No. 05-0901.12
Expiration Date: 02/17/10
By: Miami Dade Product Control Division

DRAWN BY: K.P.S.	CHECKED BY: W.W.S.
PLOT: 1=16	DATE: 06/24/04

NO.	REVISION DESCRIPTION	BY	DATE

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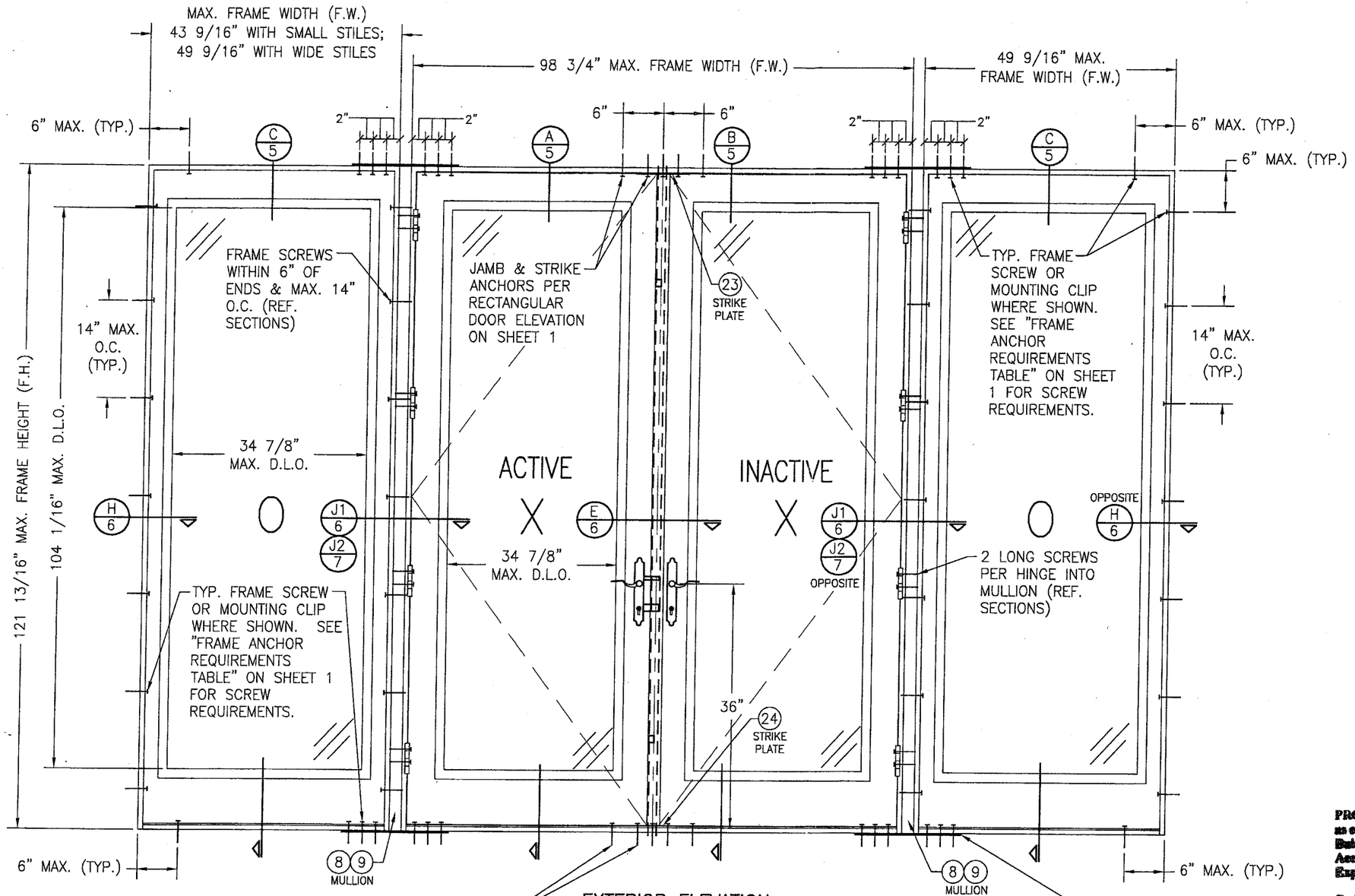
CERTIFICATION
AUG 24 2005
WARREN W. SCHAEFER, P.E.
P.E. NO. 44135

DRAWING NO. 1283 | REV. A
SHEET NO. 2 OF 11



EXTERIOR ELEVATION
MULTIPLE OPERABLE/FIXED UNIT

SCALE: 3/4"=1'-0"

(FOR ANY DETAIL NOT SHOWN, SEE ELEVATION ON SHEET 1)

NOTE: OXXO DOOR SHOWN. ALL OTHER 4-PANEL CONFIGURATIONS OF SINGLE/DOUBLE DOORS & SIDELIGHTS ALSO APPLY.

NOTE: DOORS MAY BE FULLY GLAZED AS SHOWN, PARTIALLY PANELED OR FULLY PANELED. SEE SHEET 4 ELEVATION FOR PANELED DOORS.

PRODUCT REVISED
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Expiration Date 02/17/10
By
Miami Dade Product Control Division

DRAWN BY: K.P.S.	CHECKED BY: W.W.S.
PLOT: 1=16	DATE: 06/24/04

NO.	REVISION DESCRIPTION	BY	DATE

DRAWING TITLE
10 FOOT WOOD OUTSWING IMPACT DOORS

MANUFACTURER
SIGNATURE DOOR INC.
401 JUNIATA STREET
ALTOONA, PA 16602
814-949-2770

CONSULTANTS
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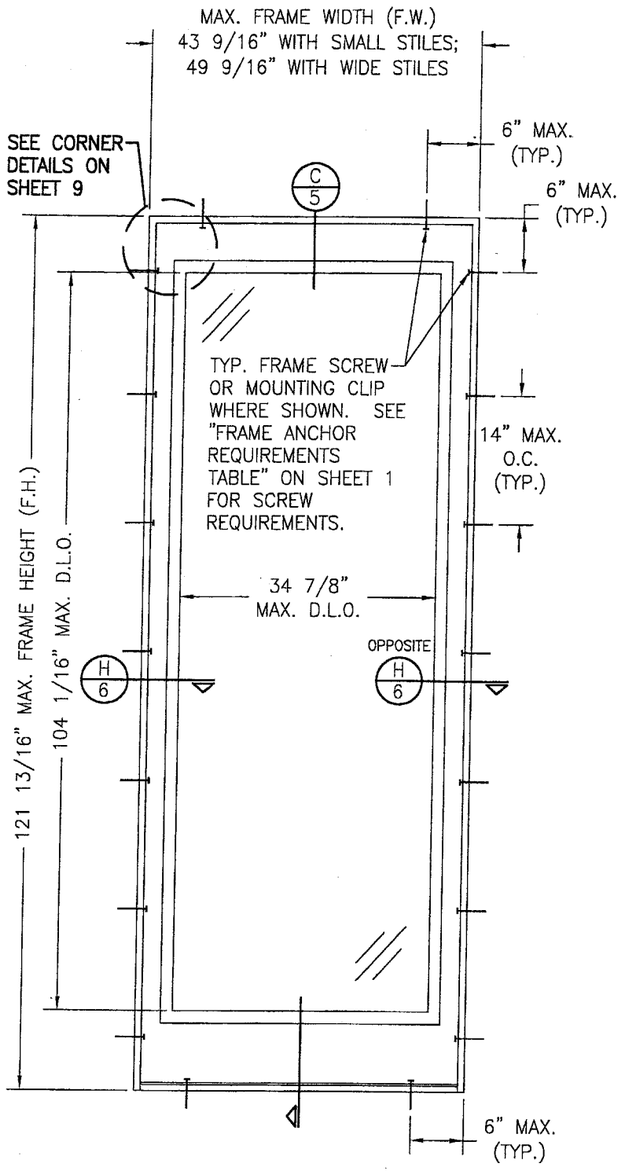
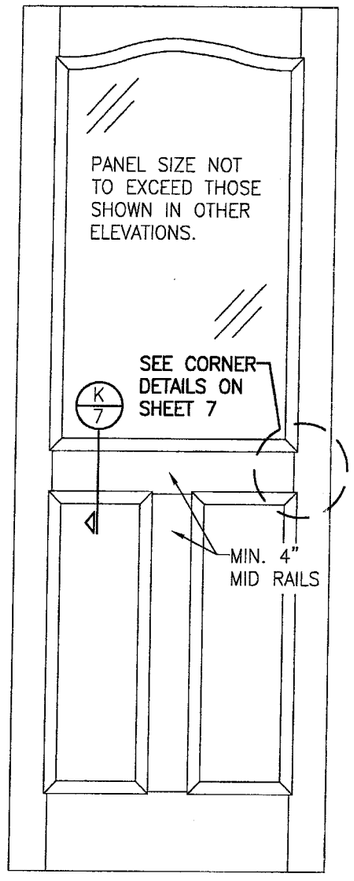
PHONE: 561-775-4902 FAX: 561-775-4903

CERTIFICATION
AUG 24 2005
WARREN W. SCHAEFER, P.E.
P.E. NO. 44135

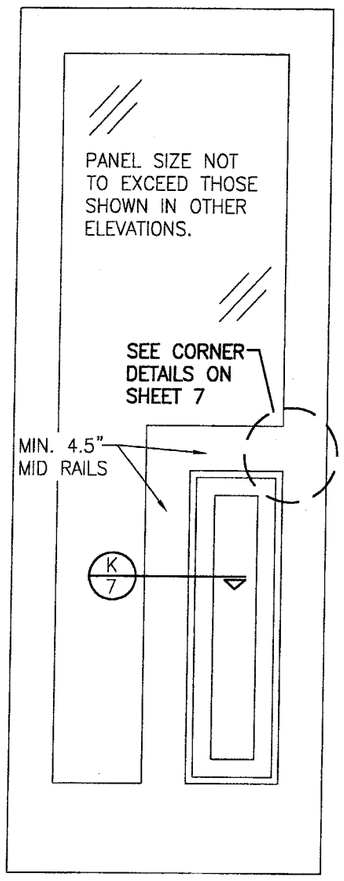
DRAWING NO. 1283 | REV. A
SHEET NO. 3 OF 11



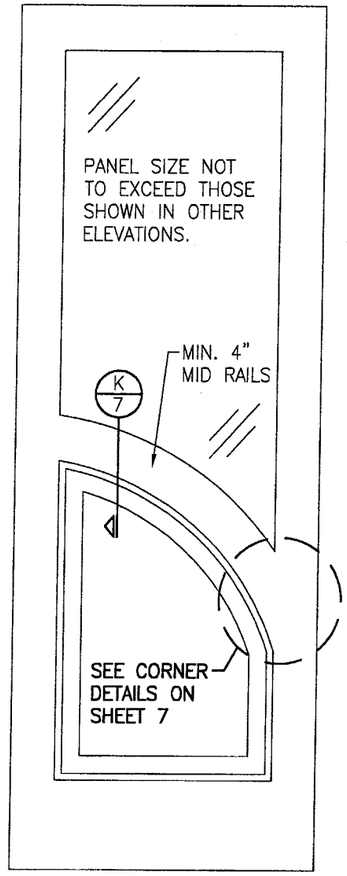
EXTERIOR ELEVATION
SINGLE FIXED PANEL
SCALE: 3/4"=1'-0"



EXTERIOR ELEVATION
SOLID RAISED PANEL WITH
STANDARD MID RAILS
SCALE: 3/4"=1'-0"



EXTERIOR ELEVATION
SOLID RAISED PANEL WITH
CORNERED MID RAILS
SCALE: 3/4"=1'-0"



EXTERIOR ELEVATION
SOLID RAISED PANEL WITH
ARCHED/SHAPED MID RAILS
SCALE: 3/4"=1'-0"

1) TOP & MID RAILS MAY BE OF ANY CONFIGURATION PROVIDING THE SMALLEST CROSS SECTION OF RAILS IS EQUAL TO OR LARGER THAN THAT DETAILED IN DRAWINGS.
2) MULTIPLE MID RAIL (BOTH HORIZONTAL & VERTICAL) MAY BE USED WITH THESE PANELS.
3) PARTIAL PANEL CONDITION IS SHOWN ABOVE. FULL PANEL DOORS AND OTHER PANEL CONFIGURATIONS ARE ALSO PART OF THIS APPROVAL AND ARE SIMILAR IN CONSTRUCTION TO THAT SHOWN ABOVE.
4) PANEL ONLY IS SHOWN. FOR INSTALLATION INTO FRAME, SEE OTHER ELEVATIONS.

PRODUCT REVISED
as complying with the Florida Building Code
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DRAWN BY: K.P.S. | CHECKED BY: W.W.S.
PLOT: 1=16 | DATE: 06/24/04

NO.	REVISION DESCRIPTION	BY	DATE

DRAWING TITLE: 10 FOOT WOOD OUTSWING IMPACT DOORS
MANUFACTURER
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ALTOONA, PA 16602
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CONSULTANTS
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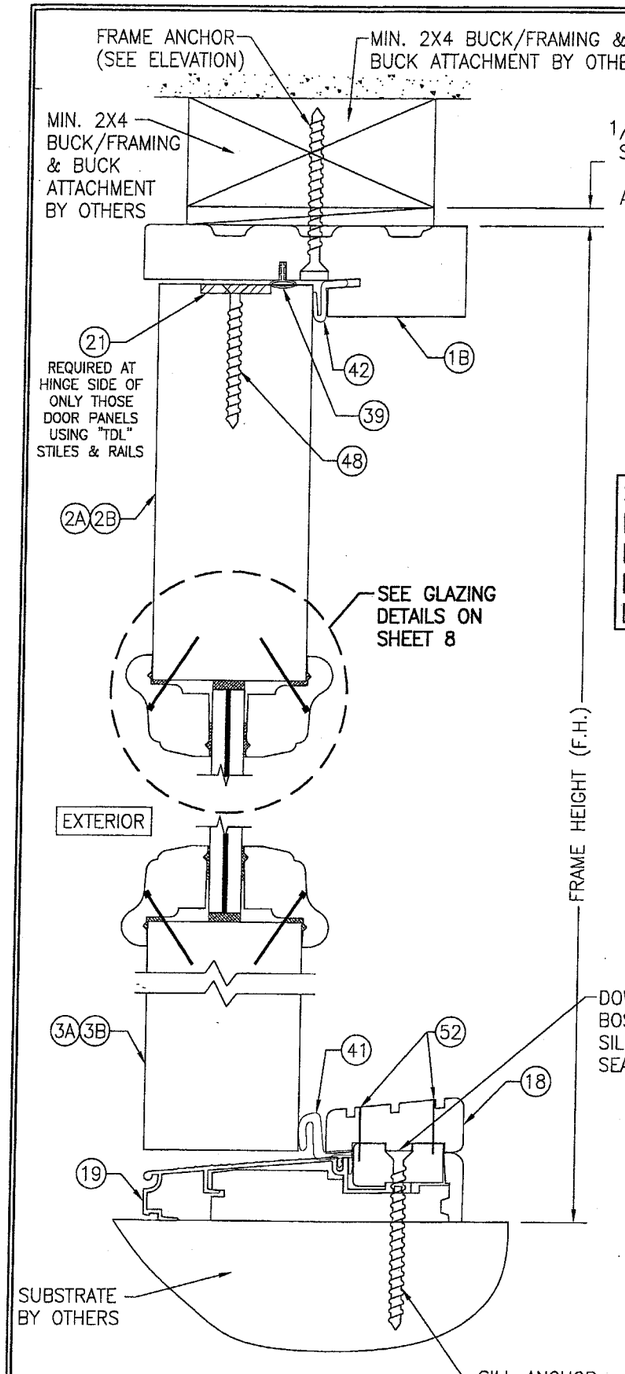
CERTIFICATION
AUG 24 2005
WARREN W. SCHAEFER, P.E.
P.E. NO. 44135

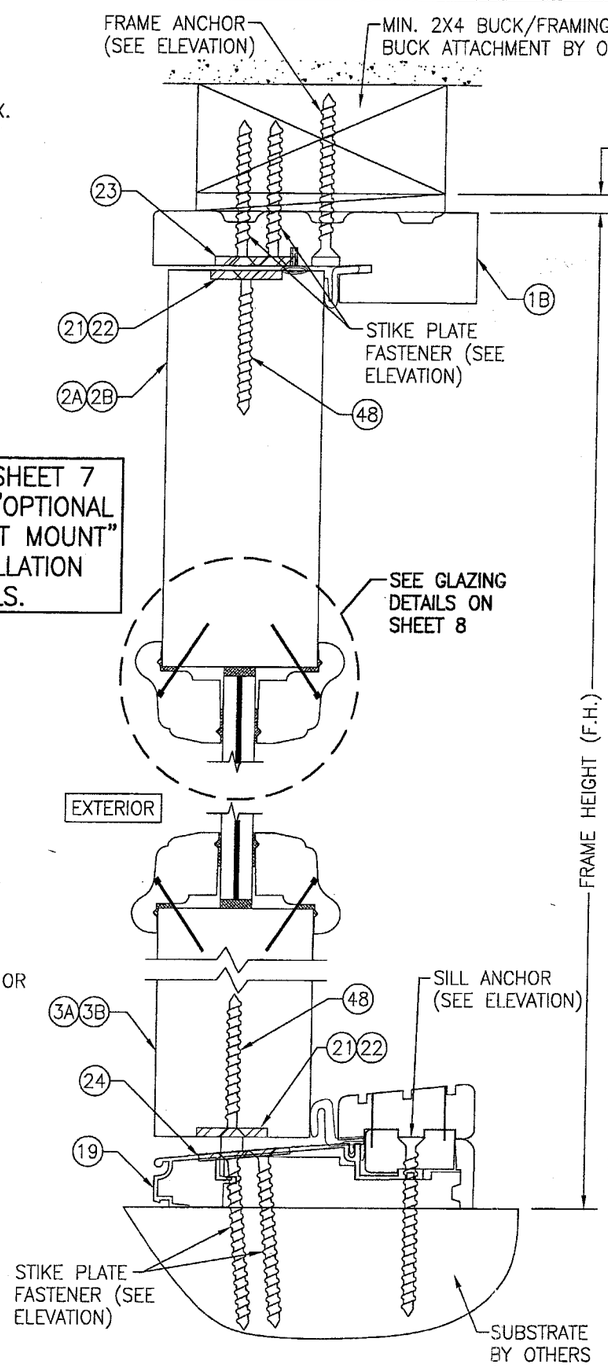
DRAWING NO. 1283 | REV. A
SHEET NO. 4 OF 11



SECTION A 5

SCALE: 1/2 FULL

(STANDARD BUMPER THRESHOLD CONDITION SHOWN. SEE OTHER DETAILS ON SHEET 7 FOR ADA THRESHOLD OPTION.)

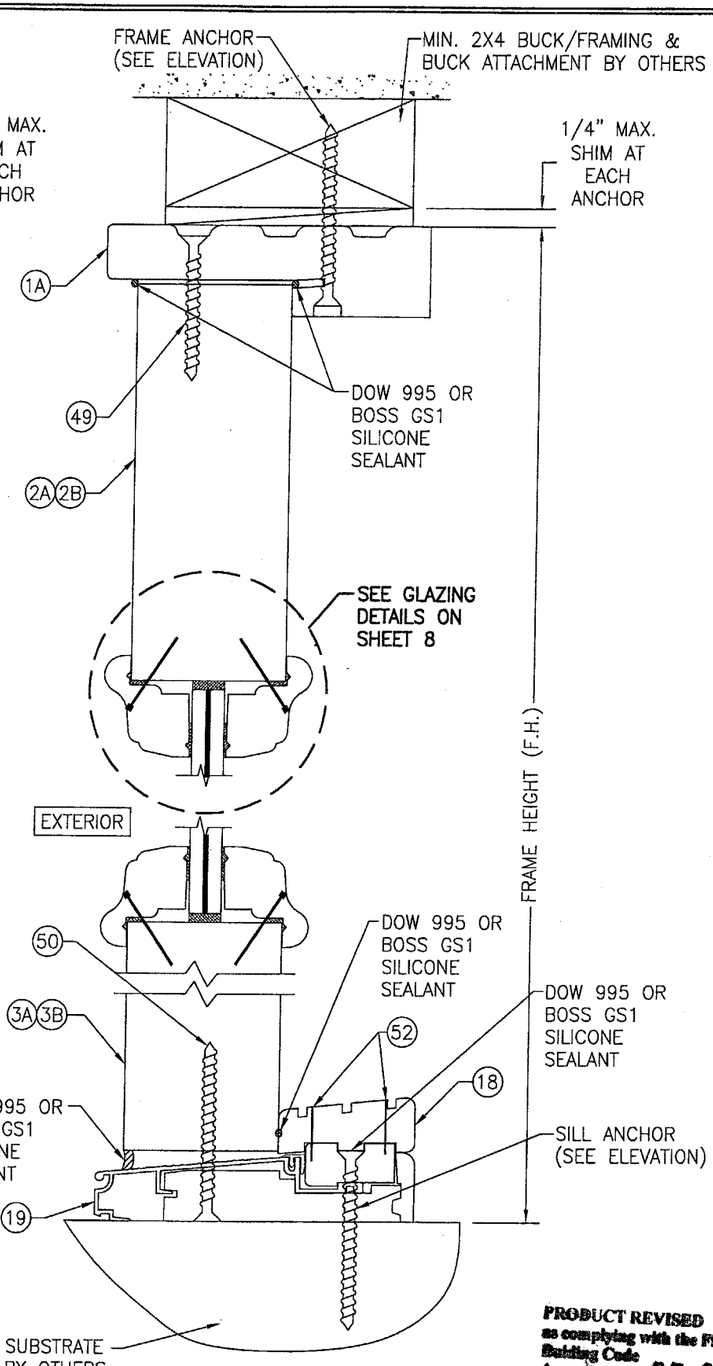


SECTION B 5

SCALE: 1/2 FULL

FOR DETAIL NOT SHOWN, SEE SECTION "A".

SEE SHEET 7 FOR "OPTIONAL DIRECT MOUNT" INSTALLATION DETAILS.



SECTION C 5

SCALE: 1/2 FULL

PRODUCT REVISED
as complying with the Florida Building Code
Acceptance No. 05-0901.12
Expiration Date: 02/17/10
By: Miami Dade Product Control Division

DRAWN BY: K.P.S.	CHECKED BY: W.W.S.
PLOT: 1=2	DATE: 06/24/04

NO.	REVISION DESCRIPTION	BY	DATE

DRAWING TITLE: 10 FOOT WOOD OUTSWING IMPACT DOORS

MANUFACTURER

SIGNATURE DOOR INC.
401 JUNIATA STREET
ALTOONA, PA 16602
814-949-2770

CONSULTANTS

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8895 N. MILITARY TRAIL; SUITE C-204
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CERTIFICATION
AUG 24 2005
WARREN W. SCHAEFER, P.E.
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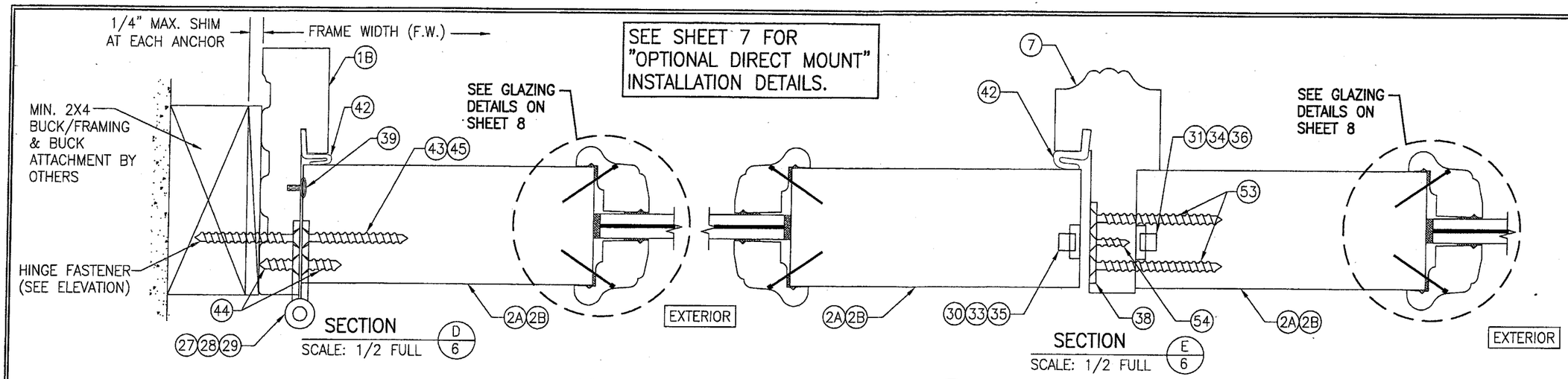
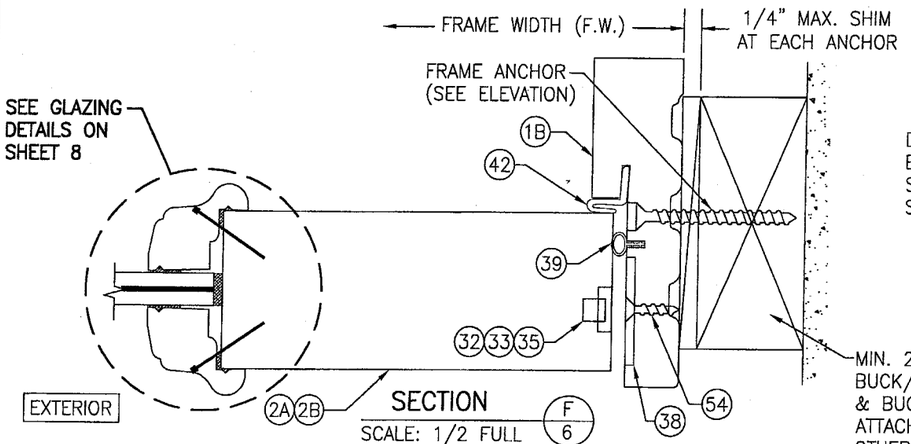
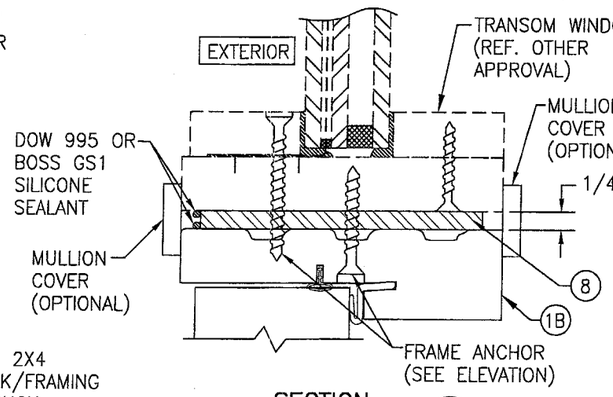
DRAWING NO.	REV.
1283	A

SHEET NO. 5 OF 11

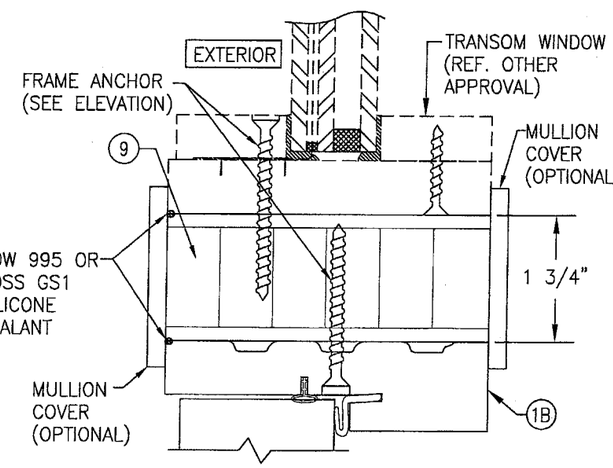




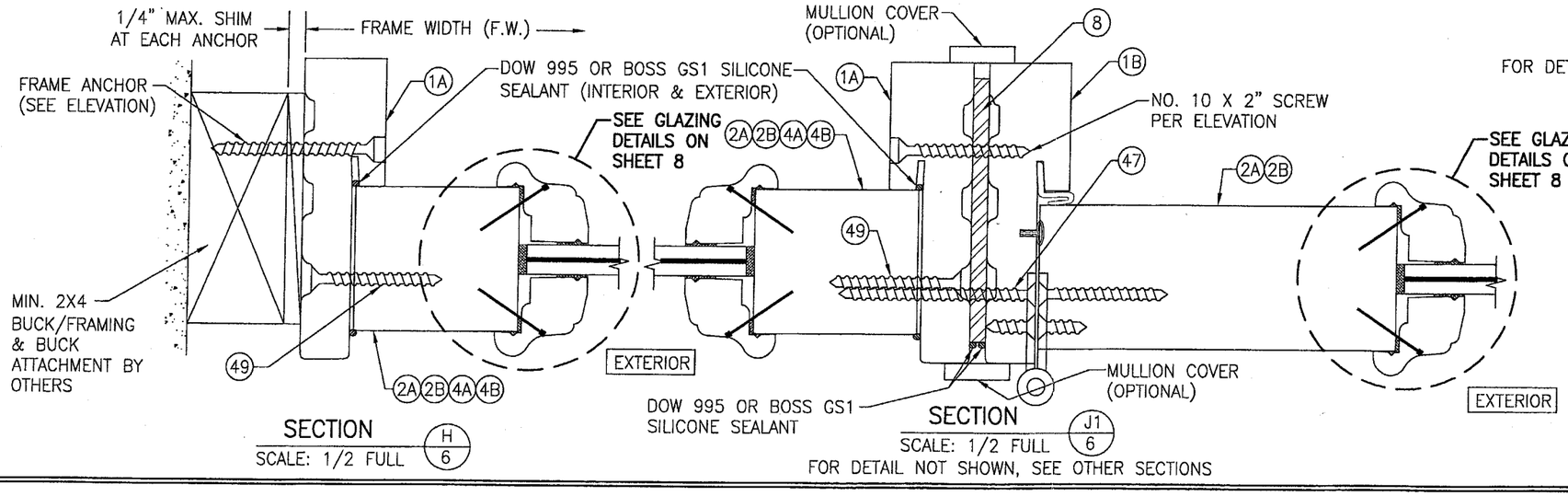
NOTE: SHOWN WITH MULTI-POINT LOCK HARDWARE. SINGLE POINT MORTISE LOCK ALSO MAY BE USED AT SINGLE DOORS PER SHEET 1.



FOR DETAIL NOT SHOWN, SEE OTHER SECTIONS



FOR DETAIL NOT SHOWN, SEE OTHER SECTIONS



FOR DETAIL NOT SHOWN, SEE OTHER SECTIONS

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Acceptance No. 05-0901.12
Expiration Date: 02/12/10
By:
Miami Dade Product Control Division

DRAWN BY: K.P.S.	CHECKED BY: W.W.S.
PLOT: 1=2	DATE: 06/24/04

NO.	REVISION DESCRIPTION	BY	DATE

DRAWING TITLE
10 FOOT WOOD OUTSWING IMPACT DOORS

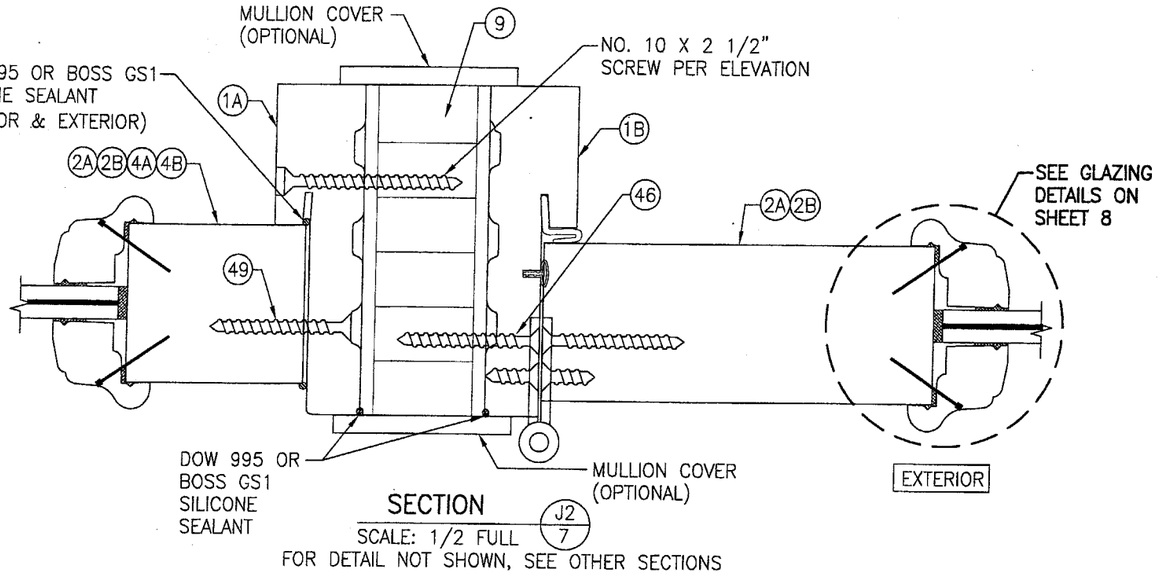
MANUFACTURER
SIGNATURE DOOR INC.
401 JUNIATA STREET
ALTOONA, PA 16602
814-949-2770

CONSULTANTS
W. W. SCHAEFER ENGINEERING & CONSULTING, P.A.
8895 N. MILITARY TRAIL; SUITE C-204
PALM BEACH GARDENS, FL 33410
PHONE: 561-775-4902 FAX: 561-775-4903

CERTIFICATION
AUG 24 2005
WARREN W. SCHAEFER, P.E.
P.E. NO. 44135

DRAWING NO.	REV.
1283	A

SHEET NO.
6 OF 11



SECTION J2/7
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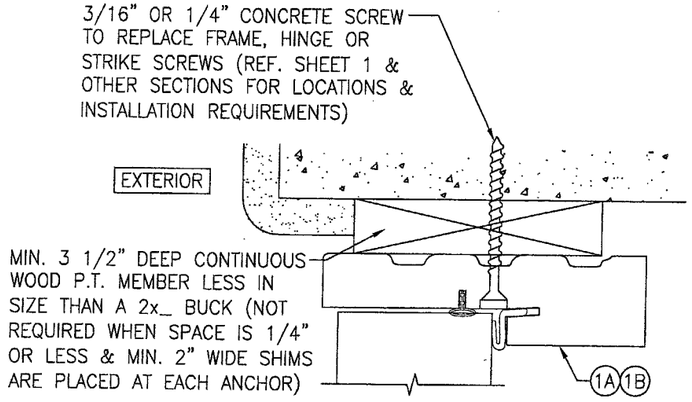
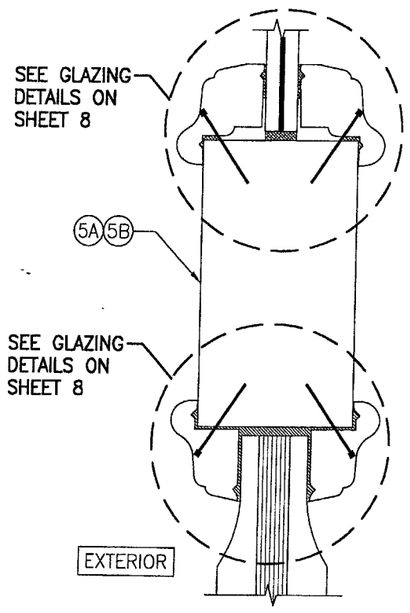
FOR DETAIL NOT SHOWN, SEE OTHER SECTIONS



OPTIONAL DIRECT MOUNT DETAIL
FOR DETAIL NOT SHOWN, SEE OTHER SECTIONS
(HEAD SECTION SHOWN, SIDES AND SILL SIMILAR)



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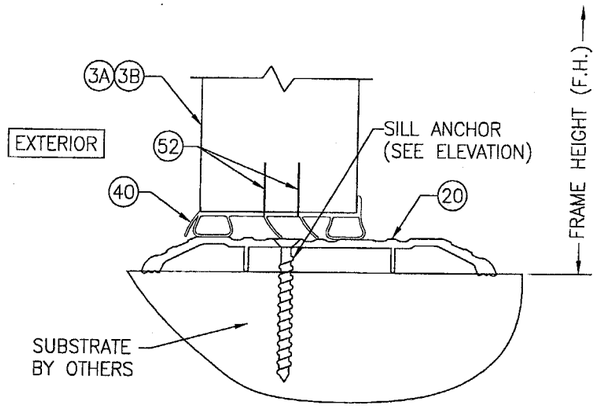
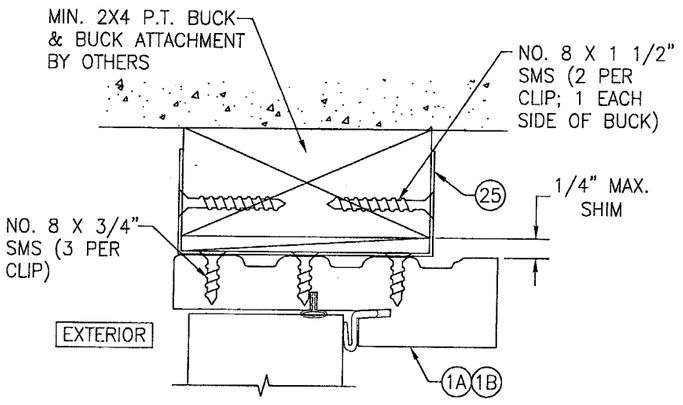


OPTIONAL ADA THRESHOLD DETAIL
FOR DETAIL NOT SHOWN, SEE OTHER SECTIONS



OPTIONAL CLIP MOUNT DETAIL
FOR DETAIL NOT SHOWN, SEE OTHER SECTIONS
(HEAD SECTION SHOWN, SIDES AND SILL SIMILAR)

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DRAWING TITLE: 10 FOOT WOOD OUTSWING IMPACT DOORS

MANUFACTURER: SIGNATURE DOOR INC.
401 JUNIATA STREET
ALTOONA, PA 16602
814-949-2770

CONSULTANTS
W. W. SCHAEFER ENGINEERING & CONSULTING, P.A.
8895 N. MILITARY TRAIL; SUITE C-204
PALM BEACH GARDENS, FL 33410
PHONE: 561-775-4902 FAX: 561-775-4903

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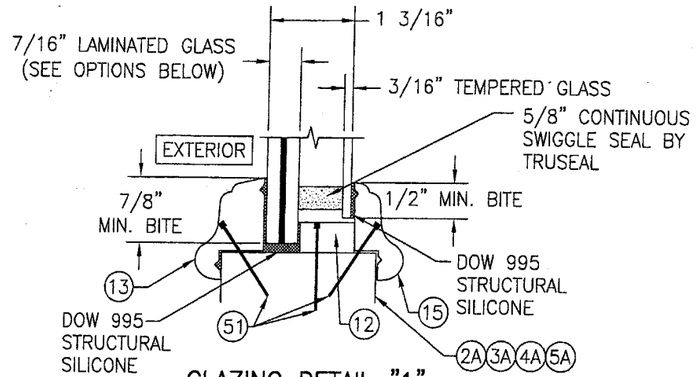
P.E. NO. 44135

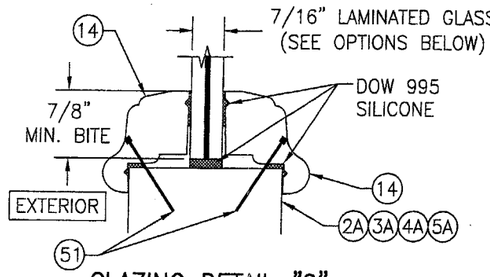
DRAWING NO. 1283 | REV. A
SHEET NO. 7 OF 11



GLAZING DETAIL "1"
SCALE: 1/2 FULL

GLASS OPTION: 1) 7/16" THICK GLASSLAM SAFETY PLUS II LAMINATED OUTER GLASS (3/16" AN/0.10" POLYURETHANE POLYMER/3/16" AN); 3/16" TEMPERED SINGLE PANE INNER GLASS

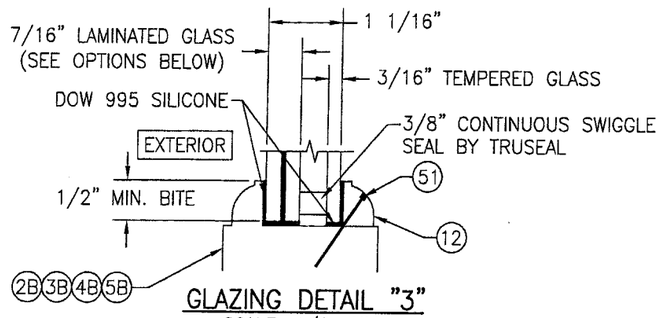
2) 7/16" THICK OLDCASTLE STORMGLASS LAMINATED OUTER GLASS (3/16" AN/0.075" STORMGLASS/3/16" AN); 3/16" TEMPERED SINGLE PANE INNER GLASS



GLAZING DETAIL "2"
SCALE: 1/2 FULL

GLASS OPTION: 1) 7/16" THICK GLASSLAM SAFETY PLUS II LAMINATED GLASS (3/16" AN/0.10" POLYURETHANE POLYMER/3/16" AN)

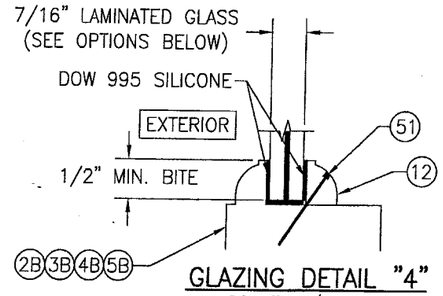
2) 7/16" THICK OLDCASTLE STORMGLASS LAMINATED GLASS (3/16" AN/0.075" STORMGLASS/3/16" AN)



GLAZING DETAIL "3"
SCALE: 1/2 FULL

GLASS OPTION: 1) 7/16" THICK GLASSLAM SAFETY PLUS II LAMINATED OUTER GLASS (3/16" AN/0.10" POLYURETHANE POLYMER/3/16" AN); 3/16" TEMPERED SINGLE PANE INNER GLASS

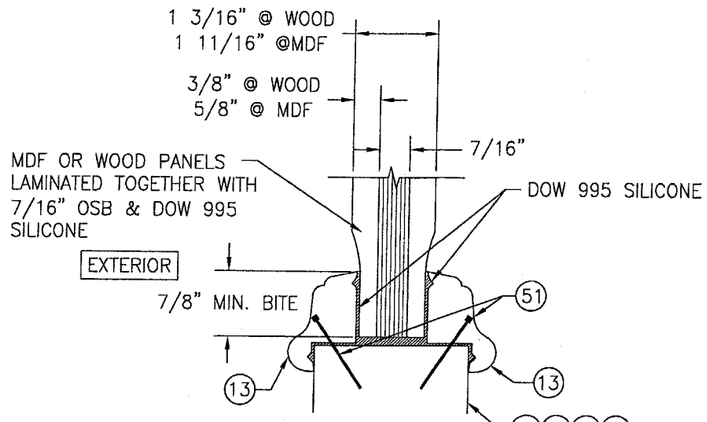
2) 7/16" THICK OLDCASTLE STORMGLASS LAMINATED OUTER GLASS (3/16" AN/0.075" STORMGLASS/3/16" AN); 3/16" TEMPERED SINGLE PANE INNER GLASS



GLAZING DETAIL "4"
SCALE: 1/2 FULL

GLASS OPTION: 1) 7/16" THICK GLASSLAM SAFETY PLUS II LAMINATED GLASS (3/16" AN/0.10" POLYURETHANE POLYMER/3/16" AN)

2) 7/16" THICK OLDCASTLE STORMGLASS LAMINATED GLASS (3/16" AN/0.075" STORMGLASS/3/16" AN)



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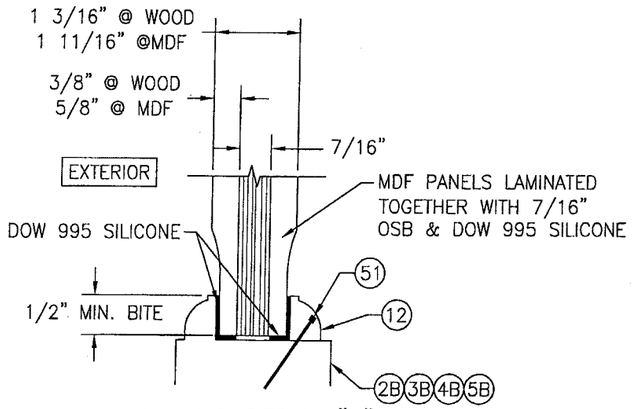

GLAZING DETAIL "6"
SCALE: 1/2 FULL

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MANUFACTURER
SIGNATURE DOOR INC.
401 JUNIATA STREET
ALTOONA, PA 16602
814-949-2770

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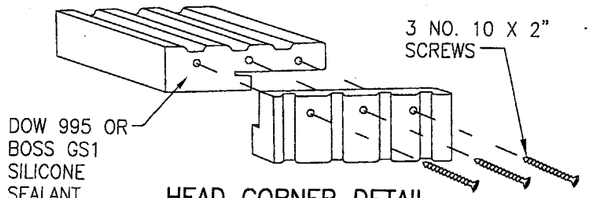
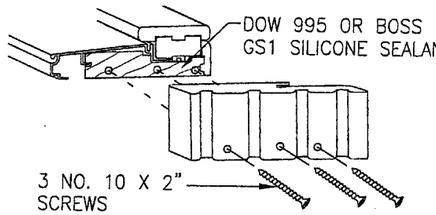
DRAWING NO. 1283 | REV. A

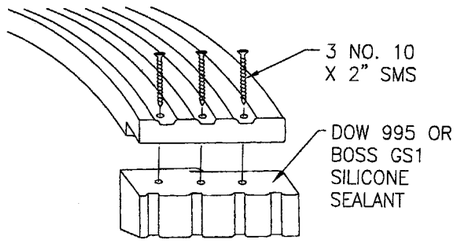
SHEET NO. 8 OF 11



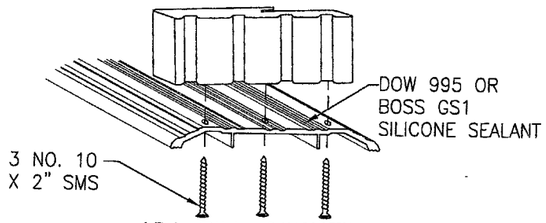
HEAD CORNER DETAIL
NOT TO SCALE



STANDARD SILL CORNER DETAIL
NOT TO SCALE



EYEBROW HEAD CORNER DETAIL
NOT TO SCALE



ADA SILL CORNER DETAIL
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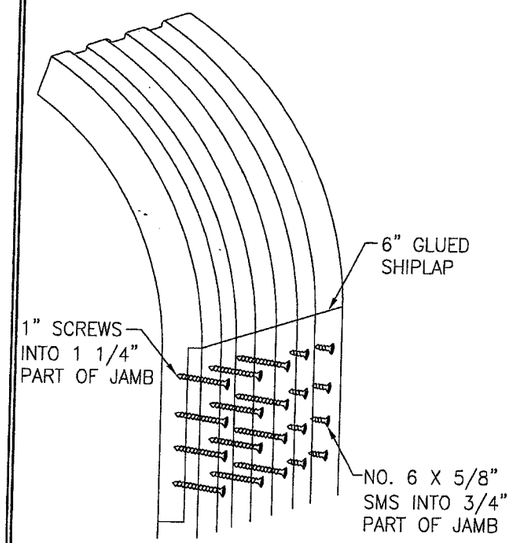
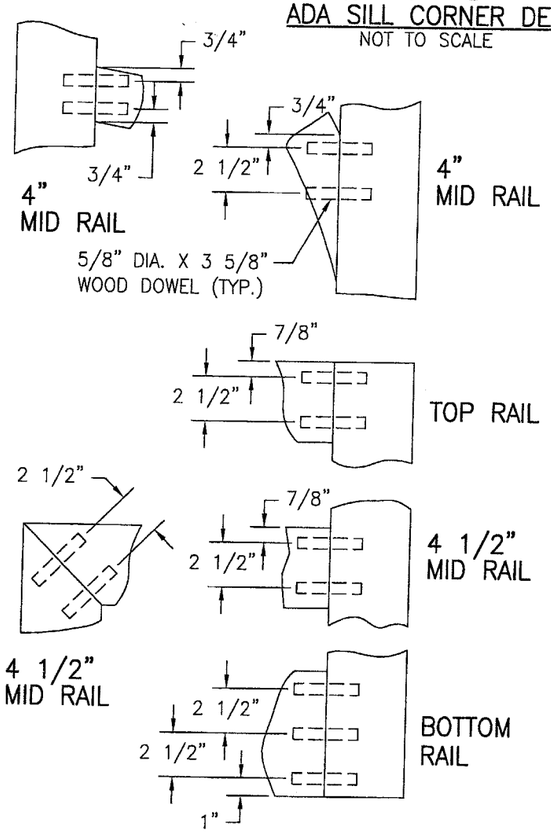
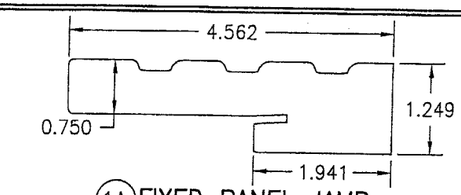


ROUNDTOP HEAD CORNER DETAIL
NOT TO SCALE

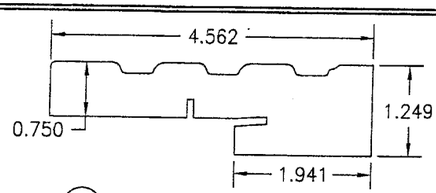


PANEL CORNER DETAILS
NOT TO SCALE

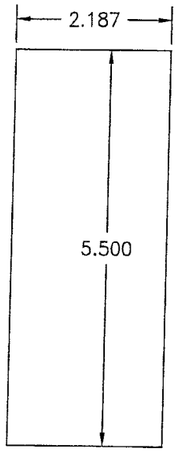
ALL DOWEL AND WOOD TO WOOD CONTACT SURFACES ARE FULLY GLUED WITH WOOD ADHESIVE BY KORLOCK GT 42-300A OR TITEBOND II BY WEATHERPROOF.



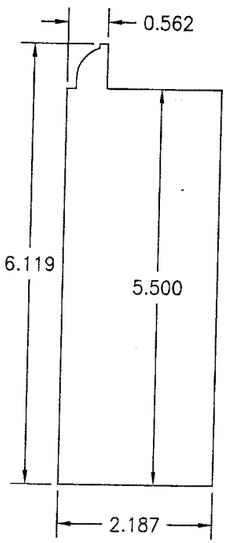
1A FIXED PANEL JAMB



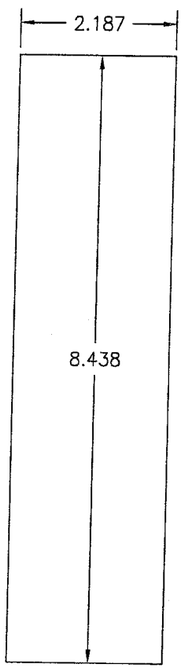
1B OPERABLE DOOR JAMB



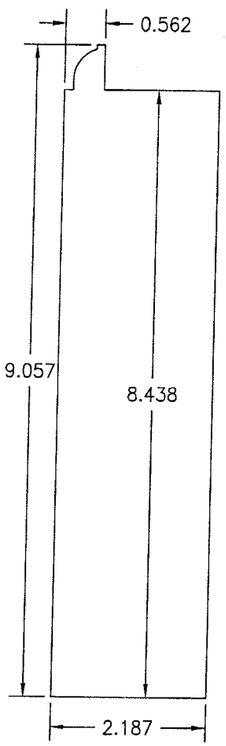
2A TOP RAIL/WIDE STILE



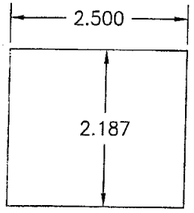
2B TDL TOP RAIL/WIDE STILE



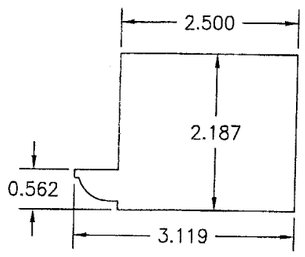
3A BOTTOM RAIL



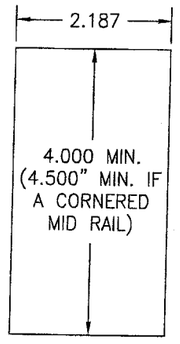
3B TDL BOTTOM RAIL



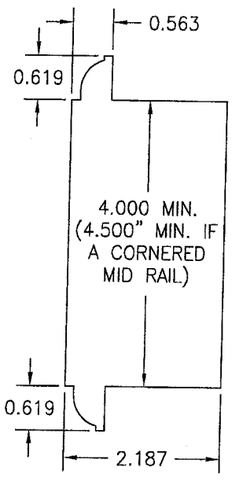
4A FIXED SMALL STILE



4B TDL FIXED SMALL STILE



5A STANDARD MID RAIL



5B TDL MID RAIL

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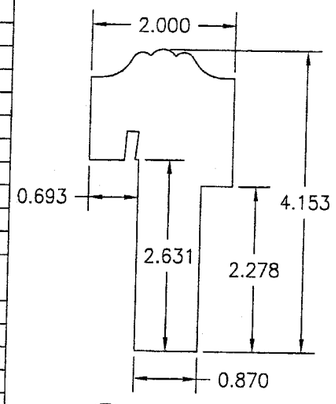
P.E. NO. 44135

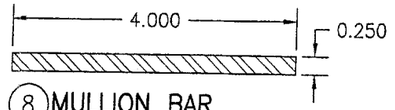
DRAWING NO. 1283 | REV. A
SHEET NO. 9 OF 11

ITEM #	ITEM DESCRIPTION	MANUFACTURER/NOTES
	PARTS	
1A	FIXED PANEL JAMB	* WOOD (LAMINATED WITH CURVED JAMB)
1B	OPERABLE DOOR JAMB	* WOOD (LAMINATED WITH CURVED JAMB)
2A	TOP RAIL/WIDE STILE	LAMINATED RED OAK CORE (PINE VENEER)
2B	TDL TOP RAIL/WIDE STILE	LAMINATED RED OAK CORE (PINE VENEER)
3A	BOTTOM RAIL	LAMINATED RED OAK CORE (PINE VENEER)
3B	TDL BOTTOM RAIL	LAMINATED RED OAK CORE (PINE VENEER)
4A	FIXED SMALL STILE	LAMINATED RED OAK CORE (PINE VENEER)
4B	TDL FIXED SMALL STILE	LAMINATED RED OAK CORE (PINE VENEER)
5A	STANDARD MID RAIL	LAMINATED RED OAK CORE (PINE VENEER)
5B	TDL MID RAIL	LAMINATED RED OAK CORE (PINE VENEER) OR 3-PIECE EASTERN PINE CORE (PINE VENEER)
7	ASTRAGAL	* WOOD
8	MULLION BAR	A36 STEEL
9	WOOD MULLION	LVL OR LAMINATED RED OAK CORE (PINE VENEER)
11	GLASS STOP	* WOOD
12	GLAZING BEAD	* WOOD
13	GLAZING BEAD	* WOOD
14	GLAZING BEAD	* WOOD
15	GLAZING BEAD	* WOOD
18	OUTSWING BUMPER SILL	HARDWOOD
19	INSWING & OUTSWING BUMPER THRESHOLD	IMPERIAL 5QCW
20	ADA THRESHOLD	HAGAR 401-S
21	ACTIVE PANEL & HINGE STILE REINF.	STAINLESS STEEL
22	INACTIVE PANEL REINFORCEMENT	STAINLESS STEEL
23	HEAD STRIKE PLATE	STAINLESS STEEL
24	SILL STRIKE PLATE	STAINLESS STEEL
25	MOUNTING CLIP	18 GA. GALVANIZED STEEL
26	JAMB REINF. PLATE (.044" X 4.00" X 16.00")	18 GA. GALVANIZED STEEL
	HARDWARE	
27	4.5" X 4.5" BALL BEARING HINGE	BALDWIN 1046.003 (BRASS)
28	4.5" X 4.5" BALL BEARING HINGE	PENROD MH4.5BBTPSQ-SQBB (STEEL)
29	4.5" X 4.5" BALL BEARING HINGE	PENROD MH4.5BBTPSQ-SQSB (BRASS)
30	5-POINT ACTIVE PANEL LOCK SYS.	HOPPE HLS9000 ROUNDBOLT/SHOOTBOLT
31	2-POINT INACTIVE PANEL LOCK SYS.	HOPPE HLS9000 SHOOTBOLT
32	3-POINT ACTIVE PANEL LOCK SYS.	HOPPE HLS9000 ROUNDBOLT
33	5-POINT ACTIVE PANEL LOCK SYS. (3-POINT AT SINGLE DOORS)	GU RHINO
34	2-POINT INACTIVE PANEL LOCK SYS.	GU EUROPA
35	5-POINT ACTIVE PANEL LOCK SYS. (3-POINT AT SINGLE DOORS)	KFV 7370-S. BOLT
36	2-POINT INACTIVE PANEL LOCK SYS.	KFV 7000
37	HANDLE	AS REQ'D TO FIT LOCK SYSTEM
38	LOCK STRIKE PLATE	AS SUPPLIED WITH LOCK SYSTEM
	SEALS AND SEALANTS	
39	BULB WEATHERSTRIPPING	ULTRAFAB E10210BN3020; NOT REQUIRED WHEN THE ADA THRESHOLD IS USED
41	BUMPER WEATHER SEAL	HOLM INDUSTRIES NO. JF87
42	WEATHER SEAL	HOLM INDUSTRIES JF65814
	MISC. FASTENERS	
43	NO. 10 X 2" SMS	2 PER HINGE LEAF INTO PANEL W/BRASS HINGES
44	NO. 10 X 3/4" SMS	2 PER HINGE LEAF INTO JAMB & PANEL
45	NO. 12 X 2" SMS	2 PER HINGE LEAF INTO PANEL W/STEEL HINGES
46	NO. 12 X 2" SMS	2 PER HINGE LEAF INTO WOOD MULLION
47	NO. 12 X 3" SMS	2 PER HINGE LEAF INTO STEEL MULLION/SIDELIGHT
48	NO. 10 X 2" SMS	4 PER DOOR REINFORCEMENT PLATE
49	NO. 10 X 2" SMS	6" FROM CORNERS & 16" MAX O.C.
50	NO. 10 X 2 1/2" SMS	6" FROM CORNERS & MID SPAN ON SILL
51	1 3/16" BRAD NAIL	1" FROM CORNERS & 8" O.C.
52	3/4" STAPLE	3/4" FROM CORNERS & 6" O.C. STAGGERED
53	NO. 10 X 2 1/2" SMS	3" FROM ENDS & 22" O.C. THRU ASTRAGAL
54	NO. 6 X 3/4" SCREW	2 PER STRIKE PLATE

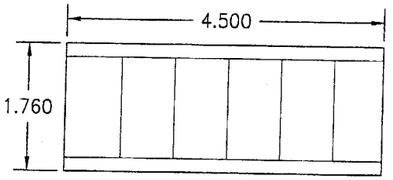
* WOOD USED WITH TEST UNITS WAS SELECT EASTERN WHITE PINE. WOOD SPECIES TO BE APPLICABLE WITH THESE WINDOWS IS MIN. SELECT MAHOGANY, SOUTHERN PINE, PONDEROSA PINE, OAK, CHERRY, MAPLE, DOUGLAS FIR, TEAK, CYPRUS & ANY OTHER SELECT WOOD STRONGER THAN EASTERN PINE.



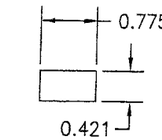
7 ASTRAGAL



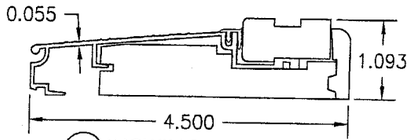
8 MULLION BAR
(FULL LENGTH OF JAMBS)



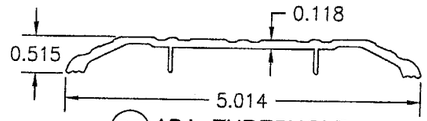
9 WOOD MULLION



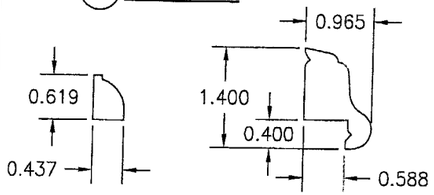
11 GLASS STOP



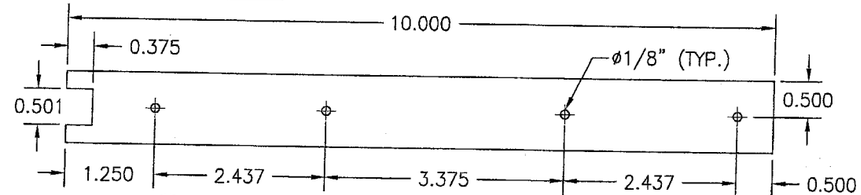
19 INSWING & OUTSWING BUMPER THRESHOLD



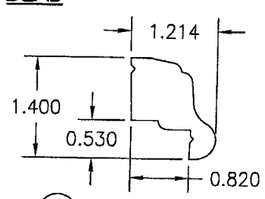
20 ADA THRESHOLD



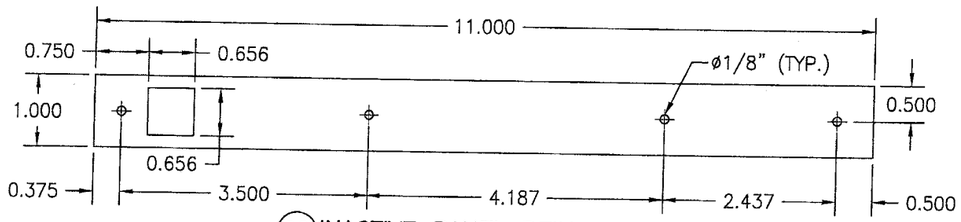
12 GLAZING BEAD
13 GLAZING BEAD



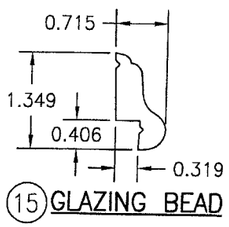
21 ACTIVE PANEL & HINGE STILE REINFORCEMENT
THICKNESS = 1/8"



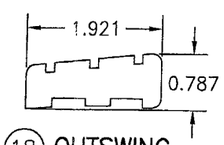
14 GLAZING BEAD



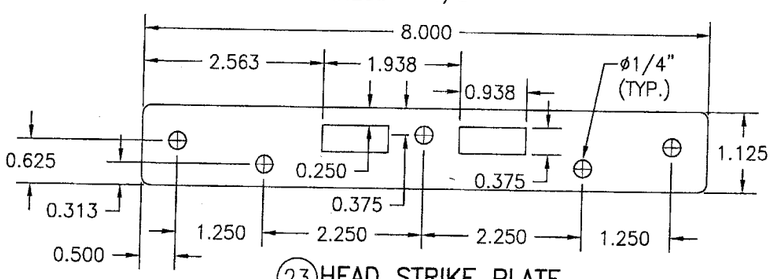
22 INACTIVE PANEL REINFORCEMENT
THICKNESS = 1/8"



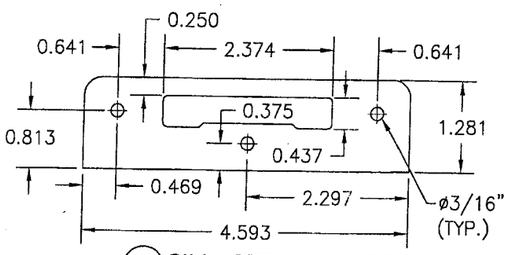
15 GLAZING BEAD



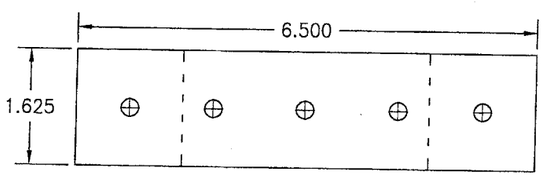
18 OUTSWING BUMPER SILL



23 HEAD STRIKE PLATE
THICKNESS = 1/8"



24 SILL STRIKE PLATE
THICKNESS = 3/32"



25 MOUNTING CLIP
THICKNESS = 0.044"

PRODUCT REVISED
as complying with the Florida Building Code
Acceptance No. 05-0901.12
Expiration Date 02/13/10
By
Miami Dade Product Control Division

NO.	REVISION DESCRIPTION	BY	DATE

DRAWN BY: K.P.S. | CHECKED BY: W.W.S.
PLOT: 1=2 | DATE: 06/24/04

DRAWING TITLE: 10 FOOT WOOD OUTSWING IMPACT DOORS

MANUFACTURER: SIGNATURE DOOR INC.
401 JUNIATA STREET
ALTOONA, PA 16602
814-949-2770

CONSULTANTS: W. W. SCHAEFER ENGINEERING & CONSULTING, P.A.
8895 N. MILITARY TRAIL, SUITE C-204
PALM BEACH GARDENS, FL 33410
PHONE: 561-775-4902 FAX: 561-775-4903

CERTIFICATION
AUG 24 2005
WARREN W. SCHAEFER, P.E.
P.E. NO. 44135

DRAWING NO. 1283 | REV. A
SHEET NO. 10 OF 11

ALLOWABLE DESIGN PRESSURE (DOUBLE DOORS)

MAXIMUM FRAME WIDTH (IN.)	MAXIMUM FRAME HEIGHT (IN.)	DESIGN PRESSURE	
		POSITIVE (PSF)	NEGATIVE (PSF)
98.75	121.75	50.0	50.0
	110	55.3	55.3
	98	62.1	62.1
93	121.75	53.1	53.1
	110	58.8	58.8
	98	65.0	66.0
87	121.75	56.8	56.8
	110	62.8	62.8
	98	65.0	70.5
81	121.75	61.0	61.0
	110	65.0	67.5
	98	65.0	75.7
74.25	121.75	65.0	66.5
	110	65.0	73.6
	98	65.0	80.0
68	121.75	65.0	72.6
	110	65.0	80.0
62	121.75	65.0	79.6

ALLOWABLE DESIGN PRESSURE (SINGLE DOORS)

MAXIMUM FRAME WIDTH (IN.)	MAXIMUM FRAME HEIGHT (IN.)	DESIGN PRESSURE	
		POSITIVE (PSF)	NEGATIVE (PSF)
49.75	121.75	50.0	50.0
	110	55.3	55.3
	98	60.4	60.4
47	121.75	52.9	52.9
	110	58.6	58.6
	98	63.2	63.9
44	121.75	56.5	56.5
	110	62.6	62.6
	98	65.0	68.3
41	121.75	60.7	60.7
	110	65.0	67.2
	98	65.0	73.3
37.5	121.75	65.0	66.3
	110	65.0	73.4
	98	65.0	80.0
35	121.75	65.0	71.1
	110	65.0	78.7
31	121.75	65.0	80.0

ALLOWABLE DESIGN PRESSURE (TRANSOM MULLION)

MAXIMUM FRAME WIDTH (IN.)	MAXIMUM OVERALL HEIGHT (IN.)	DESIGN PRESSURE	
		POSITIVE (PSF)	NEGATIVE (PSF)
98.75	173.75	50.0	50.0
	162	53.6	53.6
	150	57.9	57.9
	138	63.0	63.0
	126	65.0	68.9
	114	65.0	76.2
	102	65.0	80.0
93	173.75	53.1	53.1
	162	56.9	56.9
	150	61.5	61.5
	138	65.0	66.8
	126	65.0	73.2
	114	65.0	80.0
87	173.75	56.8	56.8
	162	60.9	60.9
	150	65.0	65.7
	138	65.0	71.5
	126	65.0	78.3
	114	65.0	80.0
81	173.75	61.0	61.0
	162	65.0	65.4
	150	65.0	70.6
	138	65.0	76.7
	126	65.0	80.0
74.25	173.75	65.0	66.5
	162	65.0	71.3
	150	65.0	77.0
	138	65.0	80.0

NOTE:
WITH MULLED UNITS, ALLOWABLE PRESSURE FOR THE OVERALL UNIT SHALL BE THE LESSER OF THE ALLOWABLE PRESSURE FOR THE INDIVIDUAL DOORS AND MULLION.

ALLOWABLE DESIGN PRESSURE (VERTICAL MULLION)

AS CONTROLLED BY DOOR PRESSURE TABLES

PRODUCT REVIEWED
as complying with the Florida Building Code
Acceptance No. 05-0901.12
Expiration Date 02/17/10
By
Miami Dade Product Control Division

DRAWN BY: K.P.S. | CHECKED BY: W.W.S.
PLOT: 1=2 | DATE: 06/24/04

NO.	REVISION DESCRIPTION	BY	DATE

DRAWING TITLE
10 FOOT WOOD OUTSWING IMPACT DOORS

MANUFACTURER
SIGNATURE DOOR INC.
401 JUNIATA STREET
ALTOONA, PA 16602
814-949-2770

CONSULTANTS
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CERTIFICATION
AUG 24 2005
WARREN W. SCHAEFER, P.E.
P.E. NO. 44135

DRAWING NO. 1283 | REV. A
SHEET NO. 11 OF 11